

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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16800 U.S. PTO  
10/604059  
06/24/03

EFS ID: 42372  
Application ID: 10604059  
Title of Invention: METHOD OF FORMING GUARD  
RING PARAMETERIZED CELL  
STRUCTURE IN A HIERARCHICAL  
PARAMETERIZED CELL DESIGN,  
CHECKING AND VERIFICATION  
SYSTEM  
First Named Inventor: Charles Perez  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-06-24  
Effective Receipt Date: 2003-06-24  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation number: 1058  
Attorney Docket Number: BUR920030032US1  
Total Fees Authorized: 1120.0  
Payment Category: Deposit Account  
Deposit Account Number: 90456  
Deposit Account Name: Richard M. Kotulak  
Access Code: \*\*\*\*  
RAM Payment Status: RAM success  
RAM User ID: EFSPROD  
RAM Accounting Date: 2003-06-24  
RAM Sequence Number: 6

Digital Certificate Holder: cn=Richard M. Kotulak,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 698fb11cb426ab3211674d47e12dc2212c3ee6d1

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| TRANSMITTAL |
|-------------|

Electronic Version v1.1

Stylesheet Version v1.1.0

|                               |  |
|-------------------------------|--|
| <b>Title of<br/>Invention</b> | <b>METHOD OF FORMING GUARD RING PARAMETERIZED CELL<br/>STRUCTURE IN A HIERARCHICAL PARAMETERIZED CELL<br/>DESIGN, CHECKING AND VERIFICATION SYSTEM</b> |
|-------------------------------|--|

Application Number:

Date:

First Named Applicant: Charles N. Perez

Confirmation Number:

Attorney Docket Number: BUR920030032US1

I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

| Submitted by:  | Elec. Sign.            | Sign. Capacity |
|--|------------------------|----------------|
| Richard M. Kotulak Esq.<br>Registered Number: 27,712 | Richard M. Kotulak /s/ | Attorney       |

|                                  |                               |
|----------------------------------|-------------------------------|
| <b>Documents being submitted</b> | <b>Files</b>                  |
| us-fee-sheet                     | BUR920030032US2efs-usfees.xml |
|                                  | us-fee-sheet.xml              |
|                                  | us-fee-sheet.dtd              |
| us-ids                           | BUR920030032US2efs-usidst.xml |
|                                  | us-ids.dtd                    |
|                                  | us-ids.xml                    |
| us-assignment                    | BUR920030032US2efs-usassn.xml |

|                  |                                |
|------------------|--------------------------------|
|                  | us-assignment.xsl              |
|                  | us-assignment.dtd              |
|                  | BUR920030032US1Assign1.tif     |
|                  | BUR920030032US1Assign2.tif     |
| us-request       | BUR920030032US2efs-usrequ.xml  |
|                  | us-request.dtd                 |
|                  | us-request.xsl                 |
| us-declaration   | BUR920030032US1Dec1.tif        |
| us-declaration   | BUR920030032US1Dec2.tif        |
| application-body | BUR9230030032US1spec-trans.xml |
|                  | us-application-body.xsl        |
|                  | application-body.dtd           |
|                  | wipo.ent                       |
|                  | mathml2.dtd                    |
|                  | mathml2-qname-1.mod            |
|                  | isoamsa.ent                    |
|                  | isoamsb.ent                    |
|                  | isoamsc.ent                    |
|                  | isoamsn.ent                    |
|                  | isoamso.ent                    |
|                  | isoamsr.ent                    |
|                  | isogr3.ent                     |
|                  | isomfrk.ent                    |
|                  | isomopf.ent                    |
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|                  | isotech.ent                    |
|                  | isobox.ent                     |
|                  | isocyr1.ent                    |
|                  | isocyr2.ent                    |
|                  | isodia.ent                     |
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|                  | isonum.ent                     |
|                  | isopub.ent                     |

mmlextra.ent

mmlalias.ent

soextblx.dtd

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BUR920030032US1FIGSsheet14of14.tif

### Comments

ASSIGNEE: International Business Machines Corporation. ASSIGNEE ADDRESS:  
Armonk, NY 10504

**FEE TRANSMITTAL**

Electronic Version v08

Stylesheet Version v08.0

**Title of  
Invention****METHOD OF FORMING GUARD RING PARAMETERIZED CELL  
STRUCTURE IN A HIERARCHICAL PARAMETERIZED CELL  
DESIGN, CHECKING AND VERIFICATION SYSTEM**

Application Number:

Date:

First Named Applicant: Charles N. Perez

Attorney Docket Number: BUR920030032US1

**TOTAL FEE AUTHORIZED \$1120**

Patent fees are subject to annual revisions on or about October 1st of each year.

Filing as large entity

**BASIC FILING FEE**

| Fee Description                      | Fee Code | Amount \$ | Fee Paid \$ |
|--------------------------------------|----------|-----------|-------------|
| Utility Filing Fee                   | 1001     | 750       | 750         |
| Subtotal For Basic Filing Fee: \$750 |          |           |             |

**EXTRA CLAIM FEES**

| Fee Description                        | Extra Claims | Fee Code | Amount \$ | Fee Paid \$ |
|--|--------------|----------|-----------|-------------|
| Total Claims: 29                       | 9            | 1202     | 18        | 162         |
| Independent Claims: 5                  | 2            | 1201     | 84        | 168         |
| Subtotal For Extra Claims Fees: \$ 330 |              |          |           |             |

**ASSIGNMENT FEES**

| Fee Description       | Property Number | Quantity | Fee Code | Amount \$ | Fee Paid \$ |
|-----------------------|-----------------|----------|----------|-----------|-------------|
| Recording Each Patent | 00000000        | 1        | 8021     | 40        | 40          |

|                                    |  |  |  |  |  |
|------------------------------------|--|--|--|--|--|
| Assignment Per Property Fee        |  |  |  |  |  |
| Subtotal For Additional Fees: \$40 |  |  |  |  |  |

**AUTHORIZED BILLING INFORMATION**

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 090456

Access Code \*\*\*\*\*

Deposit name: International Business Machines Corporation

Deposit authorized name: Richard M. Kotulak

Signature: Richard M. Kotulak /s/

Date (YYYYMMDD): 2003-06-17

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.